

UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE United States Patent and Trademark Office Address: COMMISSIONER FOR PATENTS P.O. Box 1450 Alexandria, Virginia 22313-1450 www.uspto.gov

NOTICE OF ALLOWANCE AND FEE(S) DUE

26890

7590

11/03/2004

JAMES M. STOVER NCR CORPORATION 1700 SOUTH PATTERSON BLVD, WHQ4 DAYTON, OH 45479 EXAMINER

BATAILLE, PIERRE MICHE

ART UNIT

PAPER NUMBER

2186

DATE MAILED: 11/03/2004

1	APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
	09/651,229	08/25/2000	William P. Ward	NCRC-0020-US (9295)	9558

TITLE OF INVENTION: PROVIDING MULTIPLE MEMORY CONTROLLERS ON A MEMORY BUS

APPLN. TYPE	SMALL ENTITY ISSUE FEE		PUBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional NO		\$1370	\$0	\$1370	02/03/2005

THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATENT. PROSECUTION ON THE MERITS IS CLOSED. THIS NOTICE OF ALLOWANCE IS NOT A GRANT OF PATENT RIGHTS. THIS APPLICATION IS SUBJECT TO WITHDRAWAL FROM ISSUE AT THE INITIATIVE OF THE OFFICE OR UPON PETITION BY THE APPLICANT. SEE 37 CFR 1.313 AND MPEP 1308.

THE ISSUE FEE AND PUBLICATION FEE (IF REQUIRED) MUST BE PAID WITHIN THREE MONTHS FROM THE MAILING DATE OF THIS NOTICE OR THIS APPLICATION SHALL BE REGARDED AS ABANDONED. THIS STATUTORY PERIOD CANNOT BE EXTENDED. SEE 35 U.S.C. 151. THE ISSUE FEE DUE INDICATED ABOVE REFLECTS A CREDIT FOR ANY PREVIOUSLY PAID ISSUE FEE APPLIED IN THIS APPLICATION. THE PTOL-85B (OR AN EQUIVALENT) MUST BE RETURNED WITHIN THIS PERIOD EVEN IF NO FEE IS DUE OR THE APPLICATION WILL BE REGARDED AS ABANDONED.

HOW TO REPLY TO THIS NOTICE:

I. Review the SMALL ENTITY status shown above.

If the SMALL ENTITY is shown as YES, verify your current SMALL ENTITY status:

A. If the status is the same, pay the TOTAL FEE(S) DUE shown above.

B. If the status above is to be removed, check box 5b on Part B - Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and twice the amount of the ISSUE FEE shown above, or

If the SMALL ENTITY is shown as NO:

A. Pay TOTAL FEE(S) DUE shown above, or

B. If applicant claimed SMALL ENTITY status before, or is now claiming SMALL ENTITY status, check box 5a on Part B - Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and 1/2 the ISSUE FEE shown above.

II. PART B - FEE(S) TRANSMITTAL should be completed and returned to the United States Patent and Trademark Office (USPTO) with your ISSUE FEE and PUBLICATION FEE (if required). Even if the fee(s) have already been paid, Part B - Fee(s) Transmittal should be completed and returned. If you are charging the fee(s) to your deposit account, section "4b" of Part B - Fee(s) Transmittal should be completed and an extra copy of the form should be submitted.

III. All communications regarding this application must give the application number. Please direct all communications prior to issuance to Mail Stop ISSUE FEE unless advised to the contrary.

IMPORTANT REMINDER: Utility patents issuing on applications filed on or after Dec. 12, 1980 may require payment of maintenance fees. It is patentee's responsibility to ensure timely payment of maintenance fees when due.

PART B - FEE(S) TRANSMITTAL

Complete and send this form, together with applicable fee(s), to: Mail

Mail Stop ISSUE FEE Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450 (703) 746-4000

or Fax

appropriate. All further cor indicated unless corrected I maintenance fee notification	respondence including the I below or directed otherwise as.	Patent, advance order in Block 1, by (a)	FEE and Pers and notifications and specifying a	PUBLICA fication of new con	ATION FEE (if requi f maintenance fees w respondence address;	ired). Blocks 1 through 5 sivil be mailed to the current and/or (b) indicating a separate	hould be completed where correspondence address as trate "FEE ADDRESS" for	
CURRENT CORRESPONDENC	E ADDRESS (Note: Use Block 1 for	any change of address)		F	ee(s) Transmittal. The papers. Each additions	mailing can only be used for is certificate cannot be used all paper, such as an assignment	for any other accompanying	
	590 11/03/2004			h	ave its own certificate	e of mailing or transmission.		
JAMES M. STO				_	Cer	tificate of Mailing or Trans	mission	
NCR CORPORATION				I S	hereby certify that that the tates Postal Service v	is Fee(s) Transmittal is being with sufficient postage for fir 1 Stop ISSUE FEE address	g deposited with the United	
1700 SOUTH PAT DAYTON, OH 454	TERSON BLVD, WH 179	Q4		a t	ddressed to the Mai ransmitted to the USP	1 Stop ISSUE FEE address TO (703) 746-4000, on the c	late indicated below.	
				-			(Depositor's name)	
				-			(Signature)	
		•		L			(Date)	
APPLICATION NO.	FILING DATE	FI	IRST NAMED	INVENT	OR	ATTORNEY DOCKET NO.	CONFIRMATION NO.	
09/651,229	08/25/2000		William F	P. Ward		NCRC-0020-US (9295)	9558	
FITLE OF INVENTION: PI	ROVIDING MULTIPLE ME	EMORY CONTROL	LLERS ON A	A MEMO	RY BUS			
APPĹN. TYPE	SMALL ENTITY	ISSUE FEI	Е	PUE	BLICATION FEE	TOTAL FEE(S) DUE	DATE DUE	
nonprovisional	NO	\$1370			\$0	\$1370	02/03/2005	
EXAM	IINER	ART UNIT		CLA	ASS-SUBCLASS			
BATAILLE, P	BATAILLE, PIERRE MICHE 2186 711-158000							
CFR 1.363). Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached. "Fee Address" indication (or "Fee Address" Indication form				2. For printing on the patent front page, list (1) the names of up to 3 registered patent attorneys or agents OR, alternatively, (2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is 3				
Number is required.	,		listed, no na	ame will	be printed.	<u>-</u>		
PLEASE NOTE: Unless	RESIDENCE DATA TO B an assignee is identified be	low no assignee da	ata will anne	ear on the	e natent If an assign	nee is identified below, the d	ocument has been filed for	
recordation as set forth in 37 CFR 3.11. Completion of this form is NOT a substitute for filing an assignment. (A) NAME OF ASSIGNEE (B) RESIDENCE: (CITY and STATE OR COUNTRY)								
(A) NAME OF ASSIGN	e assignee category or catego					orporation or other private gr	oup entity Government	
4a. The following fee(s) are	enclosed:	4b.	Payment of F	Fee(s):				
Issue Fee			_		ount of the fee(s) is en			
					credit card. Form PTO-2038 is attached.			
Advance Order - # of Copies The Director is hereby authorized by charge the required fee(s), or credit any overpay Deposit Account Number (enclose an extra copy of this form).					credit any overpayment, to opy of this form).			
5. Change in Entity Status	(from status indicated above)	_					
	MALL ENTITY status. See					LL ENTITY status. See 37 C		
The Director of the USPTO NOTE: The Issue Fee and P interest as shown by the reco	is requested to apply the Issu ublication Fee (if required) vords of the United States Pate	ne Fee and Publication will not be accepted to ent and Trademark C	on Fee (if any from anyone Office.	y) or to re other the	e-apply any previousl in the applicant; a regi	y paid issue fee to the application is tered attorney or agent; or the	ation identified above. the assignee or other party in	
Authorized Signature					Date			
Typed or printed name Registration No								
Alexandria, virginia 22313-	1430.					the public which is to file (an minutes to complete, including minents on the amount of ti Trademark Office, U.S. Dep S. SEND TO: Commissioner displays a valid OMB contro		



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE United States Patent and Trademark Office Address: COMMISSIONER FOR PATENTS P.O. Box 1450 Alexandria, Virginia 22313-1450

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.	
09/651,229	08/25/2000	William P. Ward	NCRC-0020-US (9295)	9558	
26890	7590 11/03/2004		EXAM	INER	
JAMES M. ST	· · —	BATAILLE, PIERRE MICHE			
NCR CORPORA 1700 SOUTH PA	ATTERSON BLVD, WH	ART UNIT	PAPER NUMBER		
DAYTON, OH	45479	•	2186		
			DATE MAILED: 11/03/200	4	

Determination of Patent Term Adjustment under 35 U.S.C. 154 (b)

(application filed on or after May 29, 2000)

The Patent Term Adjustment to date is 264 day(s). If the issue fee is paid on the date that is three months after the mailing date of this notice and the patent issues on the Tuesday before the date that is 28 weeks (six and a half months) after the mailing date of this notice, the Patent Term Adjustment will be 264 day(s).

If a Continued Prosecution Application (CPA) was filed in the above-identified application, the filing date that determines Patent Term Adjustment is the filing date of the most recent CPA.

Applicant will be able to obtain more detailed information by accessing the Patent Application Information Retrieval (PAIR) WEB site (http://pair.uspto.gov).

Any questions regarding the Patent Term Extension or Adjustment determination should be directed to the Office of Patent Legal Administration at (703) 305-1383. Questions relating to issue and publication fee payments should be directed to the Customer Service Center of the Office of Patent Publication at (703) 305-8283.